MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

MAY 1951

ROBERT W. SLOANE, DIRECTOR

Printed at the American Press
Beirut, Lebanon

LIBRARY
NOV 23 1955
WEATHER BUREAU

MAY 1951

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. +...				Thermometer Degrees Centigrade					
	8:30	14:30	22:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	60.9	59.8	59.9	60.2	24.4	17.1	21.1	23.6	18.7	21.1
2	58.9	58.2	57.9	58.3	24.1	17.8	21.3	23.3	19.1	21.2
3	57.2	56.9	57.3	57.1	24.1	17.3	21.2	23.3	18.9	21.1
4	57.6	57.2	57.7	57.5	24.9	17.2	21.8	24.4	19.0	21.7
5	57.9	57.7	58.7	58.1	24.1	17.2	21.3	23.9	18.9	21.4
6	59.3	59.8	60.5	59.9	24.7	17.8	22.5	23.2	19.8	21.8
7	60.4	60.0	60.2	60.2	25.0	17.9	22.1	24.4	19.4	22.0
8	60.3	60.2	61.2	60.6	25.6	18.1	23.1	25.5	19.4	22.7
9	62.0	61.2	61.3	61.5	25.8	18.1	22.6	25.2	20.4	22.7
10	59.6	58.4	57.8	58.6	26.8	18.4	23.8	26.2	21.7	23.9
11	57.6	57.7	57.9	57.7	30.0	20.5	24.9	27.8	22.2	25.0
12	58.4	58.1	59.4	58.6	28.5	19.9	25.4	25.6	23.1	24.7
13	60.9	60.9	60.3	60.7	26.9	18.8	22.8	26.7	20.3	23.3
14	57.7	57.5	57.9	57.7	29.1	19.7	24.4	27.4	22.0	24.6
15	59.7	59.8	61.1	60.2	25.9	18.5	23.7	25.1	20.0	22.9
16	61.8	61.1	61.3	61.4	24.9	19.1	23.2	23.6	20.0	22.3
17	59.1	61.2	53.9	58.1	34.1	20.9	23.3	28.7	26.0	26.0
18	59.2	59.9	60.8	60.0	25.9	18.1	24.3	24.4	20.2	23.0
19	60.9	60.4	60.9	60.7	25.8	17.3	23.3	24.1	19.5	22.3
20	61.1	59.5	58.6	59.7	26.1	18.2	22.9	23.3	20.0	22.1
21	56.7	54.7	53.9	55.1	28.0	20.5	24.2	26.7	23.9	24.9
22	56.5	57.4	57.8	57.2	25.4	16.8	21.8	25.0	20.3	22.4
23	57.9	59.0	59.9	58.9	25.1	17.6	19.5	24.6	19.9	21.3
24	61.1	60.8	60.6	60.8	25.6	18.7	22.8	25.7	20.3	23.3
25	60.4	60.3	60.0	60.2	27.1	18.8	23.5	26.5	20.5	23.5
26	59.4	58.5	55.9	58.0	27.3	20.0	24.1	27.2	21.7	24.3
27	58.3	57.6	57.9	57.9	27.5	20.4	24.1	27.2	21.7	24.3
28	58.6	58.1	57.8	58.2	28.1	20.6	24.4	27.8	22.8	25.0
29	58.2	57.6	57.8	57.9	28.5	19.8	25.6	26.7	22.8	25.0
30	59.2	59.1	59.1	59.1	28.0	19.4	25.0	27.3	21.7	24.7
31	58.0	57.0	55.3	56.8	27.8	20.9	24.4	26.7	22.2	24.4
	59.19	58.89	58.73	58.93	26.61	18.75	23.17	25.52	20.85	23.19

Barometer, range for month 762.0 mm. — 753.9 mm.

„ 71-yr. average for month 759.50 mm.

Thermometer, range for month 34.1°C —16.8°C

„ 71-yr. average for month 22.48°C.

Rain total for month 4.32 mm.

„ 71-yrs average for month 18.15 mm.

„ Tolal, Sept. 1st. to end of month 690.38 mm.

„ 71-yr. average, Sept. 1st. to end of month 888.15 mm

MAY 1951

METEOROLOGICAL REGISTER

Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	20.0	19.5	18.3	19.3	80	67	83	77	11.0	457.0	
2	17.1	17.7	17.8	17.5	70	61	83	71	11.7	637.0	
3	18.3	19.5	18.3	18.7	73	68	85	75	12.2	637.0	
4	17.8	19.8	20.0	19.2	70	65	90	75	12.3	613.0	
5	17.7	21.5	18.9	19.4	72	72	86	77	12.4	261.0	
6	19.9	19.5	19.7	19.7	72	68	84	75	12.7	106.0	
7	21.0	21.1	17.9	20.0	78	69	80	76	10.6	240.0	
8	16.4	20.8	19.0	18.7	60	63	85	69	12.4	233.0	
9	19.2	21.2	19.3	19.9	71	68	79	73	11.8	153.0	
10	20.9	23.7	19.0	21.2	71	70	72	71	7.6	348.0	
11	23.3	23.7	19.8	22.3	74	64	73	70	9.5	288.0	
12	20.2	22.8	17.7	20.2	62	70	61	64	2.7	45.0	
13	21.0	21.9	20.3	21.1	78	63	87	76	8.3	175.0	
14	17.4	18.2	15.7	17.1	57	51	58	55	8.7	105.0	
15	19.6	21.9	15.8	19.1	67	70	68	68	9.2	169.0	
16	16.5	17.7	18.0	17.4	57	62	77	65	3.8	164.0	
17	21.4	16.3	17.3	18.3	74	41	50	55	1.2	164.0	
18	20.4	17.4	17.4	18.4	76	57	74	68	4.3	774.0	
19	17.1	18.0	17.9	17.7	60	58	79	66	11.9	401.0	
20	17.5	19.5	18.0	18.3	63	68	76	69	10.8	166.0	
21	21.7	23.3	11.5	18.8	71	66	39	59	7.7	140.0	
22	16.7	15.7	17.0	16.5	65	50	70	62	9.2	423.0	
23	18.5	19.2	18.6	18.8	82	63	80	75	10.7	467.0	4.32
24	19.9	20.8	20.5	20.1	73	64	84	74	12.8	229.0	
25	22.6	22.6	21.7	22.3	79	65	90	78	13.1	63.0	
26	20.3	24.9	24.0	23.1	69	68	93	77	11.1	87.0	
27	23.5	24.2	22.7	23.5	78	67	86	77	11.5	195.0	
28	22.4	25.8	25.0	24.4	73	70	90	78	11.8	108.0	
29	22.1	23.9	21.8	22.6	67	67	79	71	12.7	132.0	
30	24.6	23.3	22.0	23.3	78	67	85	77	13.0	219.0	
31	21.7	26.7	22.2	23.5	71	76	83	77	10.2	439.0	
	19.89	21.03	19.13	20.01	70.7	64.4	77.7	70.9	9.96	278.64	0.14

Height of Barometer above sea level: 33.7 meters.

,, ,, Thermometers above ground:

Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m.

Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m

Time of reading minus 2 hours equal G.C.T.

71year averages are for period, 1875-1945

MAY 1951

METEOROLOGICAL REGISTER

Date	Clouds clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	0	0	2cu	0.7	2sw	3sw	2sw	light	
2	2cu-ci	2cu	3cu	2.3	2sw	4sw	3sw	,,	
3	0	2cu	0	0.7	3sw	3sw	1sw	,,	
4	0	0	0	0.0	2sw	3sw	1sw	,,	
5	0	0	0	0.0	1sw	1sw	1sw	,,	
6	0	7ci	3ci	3.3	1sw	3w	2w	light	
7	6cu	1cu	0	2.3	3sw	3w	1nw	,,	
8	1cu-ci	0	0	0.3	1ne	2ne	1ne	,,	
9	0	0	0	0.0	3nw	3ne	2ne	,,	
10	2ci	8ci	2ci	4.0	1nw	2ne	0	,,	
11	2ci	3ci	0	1.7	2ne	2ne	1ne	slight	
12	5ci-st	8ci-st	7st	6.7	1sw	1ne	0	light	
13	9ci-st	0	0	3.3	1sw	2sw	0	,,	
14	3ci	4ci	0	2.3	1s	1ne	0	,,	
15	2ci	4ci-cu	8ci	4.7	2w	2sw	1w	slight	
16	4ci	8st-ci	8ci	6.7	1w	2ne	2ne	light	Hot W.,p.m.;Tr.,p.m
17	9st-ci	9st-cu	9st	9.0	1sw	1se	2nw	slight	
18	8cu-ci	4cu-ci	1cu-ci	4.3	3sw	3sw	3sw	,,	
19	3cu-ci	1cu-ci	1cu-ci	1.7	3sw	2sw	2sw	,,	
20	1cu-ci	7ci-st	5cu-ci	4.3	2sw	1nw	1sw	light	
21	3cu-ci	3ci-cu	7st-cu	4.3	1sw	2ne	1ne	light	Tr., p.m.
22	8cu-ci	2cu	6cu	5.3	3sw	3sw	3sw	slight	,, ,,
23	9cu	4cu	2cu	5.0	3sw	3sw	1w	,,	
24	0	1cu-ci	0	0.3	2sw	1nw	1ne	light	
25	0	0	0	0.0	1nw	2ne	1ne	,,	D., a.m.
26	0	0	7cu	2.3	1nw	2ne	1ne	light	
27	1ci	1cu	0	0.7	1nw	2ne	1ne	,,	
28	0	0	0	0.0	1sw	2nw	1n	calm	
29	0	0	0	0.0	1sw	2nw	1nw	,,	
30	0	0	0	0.0	2sw	2sw	1w	light	
31	0	0	0	0.0	3sw	2sw	3sw	slight	W., p.m
				2.46					

Abbreviations :— G = gale; H = haze; M = mist ; T = thunderstorm ; D = dew. W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	0	2	0	0	1	21	2	5	0	31
14:30	0	11	0	1	0	13	2	4	0	31
20:30	1	9	0	0	0	10	4	3	4	31
Total	1	22	0	1	1	44	8	12	4	93

Number of days with rain 1, fog 0, thunderstorms 0, gale 0.

71 yr. av. number of days with rain during month 3.08